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LNG Terminals Market by Technology (Liquefaction, Regasification), Function (Import, Export, Bifunctional), Terminal Type (Onshore, Floating), Capacity (Small-scale, Medium-scale, Large-scale Terminals), and Region - Global Forecast to 2030

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Abstracts

The global LNG terminals market is projected to reach USD 13.15 billion by 2030 from USD 7.86 billion in 2025, registering a CAGR of 10.9%. The market is driven by the significant increase in LNG trade, growing energy demand, and shift toward cleaner fuels. Implementing environmentally enforced regulations and energy transition policies in the respective regions also fosters investment in long-haul LNG infrastructure. Many global and regional EPC providers have successfully established themselves in the LNG terminals market, delivering advanced technical terminal projects at scale, with lessons learned and a collective engineering, procurement, and construction (EPC) experience.

“Import segment, by function, to be fastest-growing market from 2025 to 2030”

The LNG import terminals market is expanding in response to rising global demand for natural gas and the strategic imperative to diversify energy sources and enhance energy security. These terminals are vital in ensuring a stable LNG supply, particularly for countries with limited or no domestic natural gas production. Growth in this segment is being supported by technological advancements that enhance regasification efficiency and the integration of automation, remote monitoring, and digital control systems to improve safety and operational performance. Additionally, increased investment from both governments and private entities is accelerating the development of import terminals, driven by the need to transition to cleaner energy sources. LNG is increasingly used as a lower-carbon alternative to coal and oil, reinforcing its role in

efforts to reduce overall carbon intensity in national energy portfolios.

“Regasification segment, by technology, was second-largest market in 2024”

The regasification segment of the LNG terminals market is critical to converting liquefied natural gas (LNG) back into a gas form to distribute in pipelines to end users. The regasification segment consists of the key components: vaporizers, pumps, heat exchangers, and associated control systems designed to handle LNG at cryogenic temperatures. The regasification sector is experiencing robust growth, driven by the rising demand for natural gas as a transition from coal to cleaner energy sources accelerates, and emerging economies increasingly rely on LNG imports. This segment incurs significant capital expenditures (CAPEX) for infrastructure development, operational substantial expenses (OPEX) related to maintenance, and adherence to safety protocols and environmental regulations. The operational capabilities and reliability of regasification units are critical determinants of an LNG terminal's throughput and the security of its downstream gas supply. Recent advancements in automation, remote monitoring, shutdown processes, and predictive maintenance technologies enhance performance and minimize downtime in this area.

“Asia Pacific to account for largest share of LNG terminals market during forecast period”

Asia Pacific (APAC) is leading the global LNG terminals market, driven by growing energy demand, a shift to cleaner fuels, and significant investments in infrastructure. The Asia Pacific LNG terminals market is growing rapidly due to increasing natural gas consumption, government policy support for new, cleaner energy efforts, and a less diverse domestic gas supply. In 2023 alone, the Asia Pacific region exported about 352 billion cubic meters (bcm) of LNG, or over 64% of the total volume of LNG imported globally. China was the single largest importer in the region and the world, importing almost 98 bcm. Major LNG importers like China, India, Japan, and South Korea are implementing policies to shift away from coal and nuclear energy while ensuring energy stability through LNG. India, for instance, now permits LNG imports under the Open General License (OGL), allowing power plants to purchase LNG as needed, and is also expanding its National Gas Grid and City Gas Distribution network.

In-depth interviews were conducted with various key industry participants, subject-matter experts, C-level executives of key market players, and industry consultants, among others, to obtain and verify critical qualitative and quantitative information and assess future market prospects. The distribution of primary interviews is as follows:

By Company Type: Tier 1 - 57%, Tier 2 - 29%, and Tier 3 - 14%
By Designation: C-level Executives - 35%, Directors - 20%, and Others - 45%
By Region: North America - 20%, Europe - 15%, Asia Pacific - 30%, Middle East & Africa - 25%, and South America - 10%
Note: The tiers of the companies are defined based on their total revenues as of 2024.
Tier 1: > USD 1 billion, Tier 2: USD 500 million to USD 1 billion, and Tier 3:
Technip Energies N.V. (France), Bechtel Corporation (US), McDermott (US), ARCHIRODON S.A. (Netherlands), Samsung C&T Corporation (South Korea), CTCI (Taiwan), JGC HOLDINGS CORPORATION (Japan), China Petrochemical Corporation (China), KBR Inc (US), T?cnicas Reunidas S. A. (Spain), VINCI (France), Worley (Australia), Chiyoda Corporation (Japan), HYUNDAI E&C (South Korea), Fluor Corporation (US), GS E&C (South Korea), Toyo Engineering Corporation (Japan), Aker Solutions (Norway), John Wood Group PLC (UK), IHI Corporation (Japan), LARSEN & TOUBRO LIMITED (India), Uniper SE (Germany), MT Group (Lithuania), POSCO E&C (South Korea), DAEWOO ENGINEERING AND CONSTRUCTION CO., LTD (South Korea), SAIPEM SpA (Italy) are the key players in the LNG terminals market. The study includes an in-depth competitive analysis of these key players in the LNG terminals market, with their company profiles, recent developments, and key market strategies.

Study Coverage:

The report defines, describes, and forecasts the LNG terminals market by technology (liquefaction and regasification), terminal type (onshore and floating), function (import, export, and bifunctional), capacity (small-scale (5 MTPA)), and region (North America, Europe, Asia Pacific, Middle East & Africa, and South America). The report's scope covers detailed information regarding the major factors, such as drivers, restraints, challenges, and opportunities, influencing the growth of the LNG terminals market. A thorough analysis of the key industry players has provided insights into their business overview, solutions, and services; key strategies such as contracts, partnerships, agreements, mergers, and acquisitions; and recent developments associated with the LNG terminals market. This report covers the competitive analysis of upcoming startups in the LNG terminals market ecosystem.

Key Benefits of Buying the Report

The report includes the analysis of key drivers (Mounting demand for low-emission energy amid rapid industrialization, shifting preference from coal to cleaner alternative fuels, and increasing adoption of LNG in power generation, heating, and other industrial applications), restraints (requirement for substantial financial resources and long payback period, issues related to compliance with safety, environmental, and land use regulations), opportunities (increasing reliance on natural gas to curb carbon footprint, growing focus on diversifying energy sources and enhancing energy security, and rising emphasis on supporting regions with under-developed gas infrastructure) and challenges (climate risks and high operational costs of floating storage regasification unit (FSRU), and geopolitical instability impacting supply security) influencing the growth of the LNG terminals market.

Product Development/Innovation: EPC companies are effectively using next-level project management, pre-fabrication, and combined design capabilities to increase efficiency and decrease complexity at the site. Innovations in the LNG terminal sector include AI for scheduling, remote construction monitoring, and 3D modeling digital twins to enhance precision and reduce delays. The industry increasingly adopts low-carbon designs with carbon capture, renewable energy, and waste heat recovery. These trends help EPC contractors provide flexible, scalable, and energy-compliant LNG infrastructure while supporting global demand growth and decarbonization efforts.

Market Development: In January 2021, Worley signed four master services agreements with Cheniere Energy, which include engineering, procurement, construction, and construction management for Cheniere’s LNG facilities in the United States. Worley will deliver the services for Cheniere’s Corpus Christi facility in Texas and Sabine Pass LNG facility in Louisiana from their Houston office with support from Worley's Global Integrated Delivery team in India. This report provides a detailed analysis of LNG terminals' EPC strategies critical for project success, providing stakeholders with actionable insights into trends and opportunities for growth in the LNG terminals market.

Market Diversification: The report offers a comprehensive analysis of the strategies employed by EPC players to facilitate market diversification. It outlines innovative service and operating models and new partnership frameworks across various regions underpinned by technology-driven business lines. The findings emphasize opportunities for expansion beyond traditional operations, identifying geographical areas and customer segments that are currently served but remain underserved and are suitable for strategic entry.

Competitive Assessment: The report provides in-depth assessment of market

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shares, growth strategies, and service offerings of leading players such as Technip Energies N.V. (France), Bechtel Corporation (US), McDermott (US), ARCHIRODON S.A. (Netherlands), Samsung C&T Corporation (South Korea), CTCI (Taiwan), JGC HOLDINGS CORPORATION (Japan), China Petrochemical Corporation (China), KBR Inc (US), T?cnicas Reunidas S. A. (Spain), VINCI (France), Worley (Australia), Chiyoda Corporation (Japan), and HYUNDAI E&C (South Korea), among others, in the LNG terminals market

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